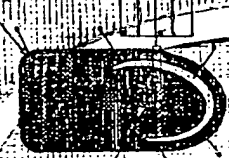


**PCT**  
ORGANIZACION MUNDIAL DE LA PROPIEDAD INTELECTUAL  
Oficina Internacional  
**SOLICITUD INTERNACIONAL PUBLICADA EN VIRTUD DEL TRATADO DE COOPERACION  
EN MATERIA DE PATENTES (PCT)**



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<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>(21) Solicitud Internacional: <b>PCT/MX96/00020</b></p> <p>(22) Fecha de la presentación Internacional: <b>13 de Diciembre de 1996 (13.12.96)</b></p> <p>(30) Datos relativos a la prioridad:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">955309</td> <td style="width: 40%;">15 de Diciembre de 1995 (15.12.95)</td> <td style="width: 30%; text-align: right;">MX</td> </tr> <tr> <td>955310</td> <td>15 de Diciembre de 1995 (15.12.95)</td> <td style="text-align: right;">MX</td> </tr> </table> <p>(71)(72) Solicitante e inventor: <b>RANGEL GONZALEZ, Neftali</b> <b>(MX/MX); Calle Haití 1006, Colonia Guadalupe, Monclova,</b> <b>Coahuila 25750 (MX).</b></p> </div> <div style="width: 48%; vertical-align: top;"> <p>(81) Estados designados: CA, CN, GB, JP, US, Patente euroasiática (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Patente europea (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p><b>Publicada</b></p> <p><i>Sin informe de búsqueda internacional, será publicada nuevamente cuando se reciba dicho informe.</i></p> </div> </div>			955309	15 de Diciembre de 1995 (15.12.95)	MX	955310	15 de Diciembre de 1995 (15.12.95)	MX
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<p>(54) Title: <b>MYOPECTINEAL AND ABDOMINAL HERNIOPROSTHESIS WITH SELF-UNFOLDING DEVICE</b></p> <p>(54) Título: <b>HERNIOPROTESIS MIOPECTINEAL Y ABDOMINAL CON DISPOSITIVO AUTODESPLEGANTE</b></p> <p>(57) Abstract</p> <p>The invention relates to a synthetic prosthesis with improved design intended to be used as a deep reinforcement of the tissues in the surgical treatment of hernias formed in the myopectineal orifices and in other areas of the abdominal wall. The prosthetic sheets used in the prior art for this purpose are thin sheets fabricated with various polymers. They are very flexible and consequently cause many difficulties during the surgical operation (particularly when it is necessary to use a small incision, for example by laparoscopy), in placing and unfolding the sheet, having to use many stitches or staples in order to maintain the sheet unfolded and to avoid its creeping. The invention comprises the integration of two parts into a prosthetic unit: a flexible sheet and a self-unfolding structural device which may have either the shape of an arc or the shape of a ring, both parts being fabricated with various materials; the self-unfolding device provides a peripheral consistency to the sheet, the latter still keeping its flexibility; thus, it is possible to adapt said sheet to the tissues, which simplifies the positioning, and its unfolding is automatic since there is no obstacle and, as a consequence, the use of stitches or staples for fixing the sheet to the tissues is avoided or minimized; the sliding of the sheet through the hernial orifice is impeded, because the sheet is held permanently unfolded. Consequently, surgical risks, costs and means are reduced.</p> <p>(57) Resumen</p> <p>Este invento es una prótesis sintética de diseño mejorado, destinada para emplearse como refuerzo profundo de los tejidos en el tratamiento quirúrgico de las hernias formadas en los orificios miopectineales y en otras áreas de la pared abdominal. Las láminas u hojas protésicas usadas actualmente con este fin, son delgadas hojas fabricadas en diversos polímeros. Son muy flexibles, lo que genera numerosas dificultades durante la operación (particularmente cuando es necesario usar un abordaje pequeño, por ejemplo por laparoscopia), en las maniobras para colocar y desplegar la hoja, obligando a fijarla con numerosas suturas o grapas para mantenerla desplegada y evitar su deslizamiento. El invento consiste en integrar dos partes en una unidad protésica: una hoja flexible y un dispositivo estructural autodesplegante que puede ser de dos formas, un arco o un aro, los cuales pueden ser fabricados en diversos materiales; el dispositivo autodesplegante le proporciona consistencia periférica a la hoja sin hacerle perder su flexibilidad, lo que le permite adaptarla a los tejidos y a la vez simplifica las maniobras de colocación, su desplegamiento es automático al estar libre de obstáculos evita o minimiza el uso de suturas o grapas para sujetarla a los tejidos, e impide su deslizamiento por el orificio herniario al mantenerse permanentemente desplegada. Consecuentemente, riesgos operatorios, gastos y recursos se reducen.</p>								



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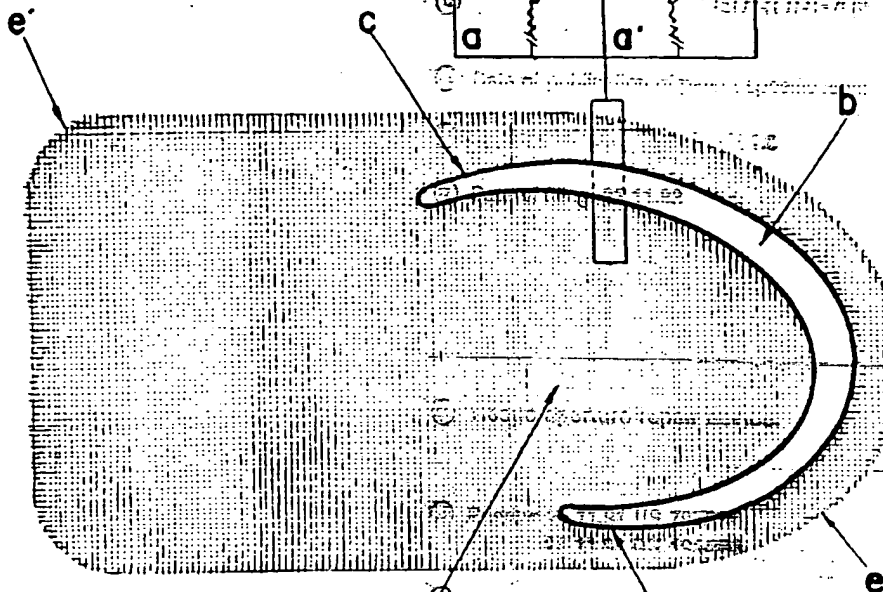
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